

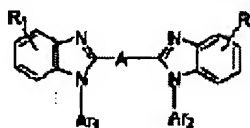
NOVEL BENZOMIDAZOLE COMPOUND, ITS PRODUCTION AND USE

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 - european:
 Application number: JP19980269595 19980924
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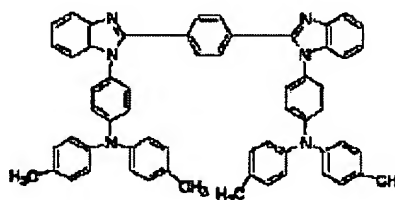
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Abstract of JP2000095766

PROBLEM TO BE SOLVED: To obtain a novel compound excellent in durability and useful as a charge-transporting material of electrophotographic photoreceptors, organic electroluminescent elements, etc. **SOLUTION:** This novel benzoimidazole compound is expressed by formula I [A is an arylene which may be bonded with a bonding group; Ar1 and Ar2 are each a (substituted) aryl or a heterocycle; R1 and R2 are each H, an alkyl, an alkoxy or the like], e.g. a compound expressed by formula II. The compound of formula I is obtained by reacting, e.g. a compound of formula II (e.g. a compound of formula IV or the like) with a compound of the formula Ar1-X, Ar2-X (X is a halogen), (e.g. a compound of formula V, etc.), in the presence of a catalyst such as a dehydrohalogenation agent, etc., (e.g. anhydrous potassium carbonate, etc.), or the like and a solvent such as o-dichlorobenzene or the like at preferably 50-200 deg.C, generally under the normal pressure.



I



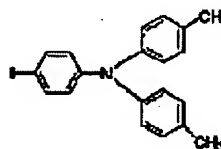
II



III



IV



V

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